

AMENDMENTS TO THE CLAIMS

1. (currently amended) A dielectric resonator comprising:
a dielectric resonance element; and
~~a protrusion portion disposed in a direction perpendicular to the on a bottom surface of the dielectric resonance element, the protrusion portion integrally molded together with the dielectric resonance element;~~
wherein ~~the a side face at the an outer periphery of the protrusion portion is tilted such that the an area of an upper surface on the bottom surface side of the dielectric resonance element of the protrusion portion adjacent the bottom surface of the dielectric resonance element is larger than the an area of the a lower surface of the protrusion portion, and~~
wherein ~~the an electromagnetic field used in the dielectric resonance element is in the TE01 δ mode.~~
2. (currently amended) ~~The [[A]] dielectric resonator as claimed in claim 1, wherein the whole entire side face at the outer periphery of the protrusion portion is tilted.~~
3. (currently amended) ~~The [[A]] dielectric resonator as claimed in claim 1 or 2, wherein an the bottom area of the bottom surface of the dielectric resonance element is larger than the area on the upper surface bottom surface side of the dielectric resonance element of the protrusion portion.~~
4. (currently amended) A filter comprising a plurality of dielectric resonators as claimed in ~~claim 1 any one of claims 1 to 3.~~
5. (original) A duplexer comprising two filters as claimed in claim 4.
6. (currently amended) An oscillator comprising a dielectric resonator as claimed in ~~claim 1 any one of claims 1 to 3.~~

7. (currently amended) A communication device comprising ~~at least one of a dielectric resonator as claimed in claim 1 any one of claims 1 to 3, a filter as claimed in claim 4, a duplexer as claimed in claim 5, and an oscillator as claimed in claim 6.~~

8. (new) The dielectric resonator as claimed in claim 1, wherein the protrusion portion is integrally molded with the dielectric resonance element.

9. (new) The dielectric resonator as claimed in claim 2, wherein an area of the bottom surface of the dielectric resonance element is larger than the area on the upper surface of the protrusion portion.

10. (new) A communication device comprising a filter as claimed in claim 4.

11. (new) A communication device comprising a duplexer as claimed in claim 5.

12. (new) A communication device comprising an oscillator as claimed in claim 6.